

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

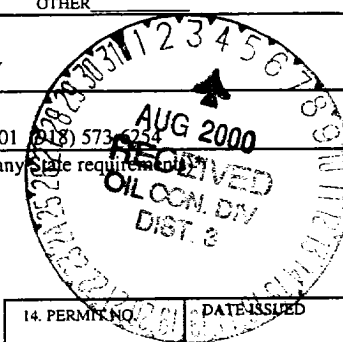
1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6234

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 1085' FSL & 790' FWL
At top production interval reported below:
At total depth:



14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 05/27/2000
16. DATE T.D. REACHED 06/02/2000
17. DATE COMPLETED (READY TO PRODUCE) 07-07-2000

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6335' GR

20. TOTAL DEPTH, MD & TVD
6080' MD

21. PLUG, BACK T.D., MD & TVD
6050' MD

22. IF MULTICOMP.,
HOW MANY _____

23. INTERVALS
DRILLED BY _____

5. LEASE DESIGNATION AND LEASE NO.
SF-078764

6. IF INDIAN, ALLOTTEE OR _____

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #182

9. API WELL NO.
30-039-26283

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SE/4 SW/4 SEC 18-31N-5W

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD _____

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 4611' - 5890'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

27. WAS WELL CORED
NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36#	287'	12-1/4"	130 SX - SURFACE	
7" K-55	20#	3678'	8-3/4"	585 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3505'	6080'	270 SX		2-3/8"	5891'	

31. PERFORATION RECORD (Interval, size, and number)

CH/Menefee: 4611', 18', 23', 4724', 27', 31', 71', 79', 5167', 69', 75', 77', 5362', 5405', 07', 12', 51', 65', 68', 71', 74', 77', 5555', 57', 82', 84' and 89'.
Total of 27 (0.38") holes
Point Lookout: 5659', 61', 66', 68', 71', 75', 77', 79', 83', 86', 89', 91', 94', 5706', 08', 13', 15', 21', 24', 26', 30', 34', 37', 42', 45', 47', 58', 63', 82', 5857', 86', 88' and 90'. Total of 33 (0.38") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4611' - 5589'	80,000# 20/40 Sand in 1918 BBIs slick water
5659' - 5890'	80,000# 20/40 Sand in 1937 BBIs slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7/15/00	3 hr	3/4"			406		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
245	890				3,251		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY: CHIK CHARLEY

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Nancy Ross

TITLE Production Analyst

DATE July 18, 2000

ACCEPTED FOR RECORD

AUG 02 2000

FARMINGTON FIELD OFFICE
RY

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
FRUITLAND	2887'	3197'					
PICTURED CLIFFS	3197'	3642'					
LEWIS	3642'	5389'					
CLIFF HOUSE	5389'	5430'					
MENEPEE	5430'	5656'					
POINT LOOKOUT	5656'						

**ROSA UNIT #182
BLANCO MESAVERDE**

Location:

1085' FSL and 790' FWL
SE/4 SW/4 Sec 18(N), T31N R05W
Rio Arriba, New Mexico
Elevation: 6335' GR

Spud date : 5/27/00

Completed: 7/7/00

Top Depth

Pictured Cliffs 3197'

Lewis 3642'

CliffHouse 5389'

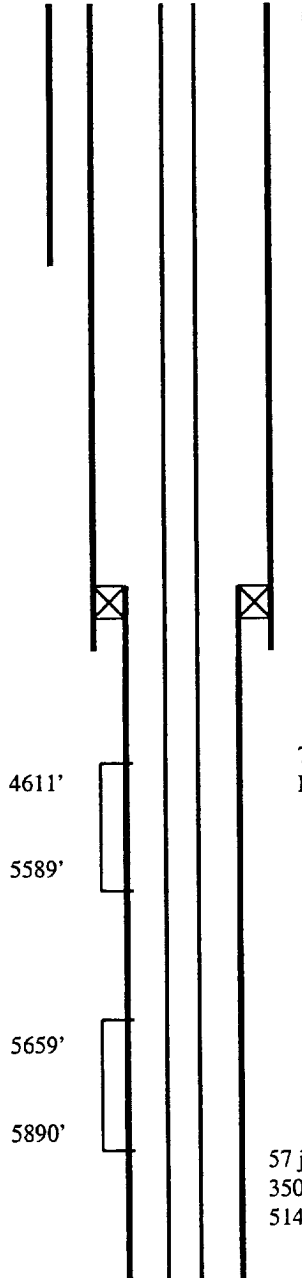
Menefee 5430'

Point Lookout 5656'

STIMULATION

CliffHouse/Menefee: 4611' - 5589'
(27, 0.38" holes) Frac with 80,000#
20/40 sand in 1918 bbls slick water.

Point Lookout: 5659' - 5890' (33,
0.38" holes) Frac with 80,000# 20/40
sand in 1937 bbls slick water.



6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 287'
Cemented with 130 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3505'

79 jts 7", 20#, K-55, ST&C csg. Landed @ 3678'.
Float @ 3638'. Cemented with 585 sx cmt.

189 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5891'

57 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3505' - 6080'. Latch collar @ 6060' & marker jt @
5140'. Cemented with 270 sx cmt

TD @ 6080'
PBD @ 6050'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	130 sx	176 cu. ft.	surface
8-3/4"	7", 20#	585 sx	1104 cu ft.	surface
6-1/4"	4-1/2", 10.5#	270 sx	391 cu. ft.	3505'